

CLAIMS

1. A pharmaceutical composition for treating or preventing
cytopathy caused by ischemia or stress, comprising a midkine (MK)
5 family protein as an active ingredient.

2. The pharmaceutical composition according to claim 1,
wherein said cytopathy caused by ischemia or stress occurs in brain
parenchyma.

3. The pharmaceutical composition according to claim 2,
10 wherein said brain parenchyma is pyramidal cells in the
hippocampal CA1 area.

4. A pharmaceutical composition for treating or preventing
diseases caused by cytopathy due to ischemia or stress, comprising
a midkine (MK) family protein as an active ingredient.

15 5. The pharmaceutical composition according to claim 4,
wherein said disease due to ischemia is cerebral infarction.

6. The pharmaceutical composition according to claim 4,
wherein said disease due to ischemia is myocardial infarction.